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- 14. A fiber-free molding composition comprising:
- (a) a binder selected from the group consisting of an epoxide, a polyisocyanate, a furane-resin-free phenolic resin, and mixtures thereof; and
 - (b) a filler mixture containing:
 - (i) an inorganic high-temperature-resistant filler; and
 - (ii) a heat-activatable swelling agent.
- 15. The composition of claim 14 wherein the filler mixture further comprises:
 - (iii) an adhesive;
 - (iv) a micropore-forming, high-temperature-resistant filler; and
 - (v) a grinding and/or anticaking agent.
- 16. The composition of claim 14 wherein the filler mixture has a pH of up to 7.5.
- 17. The composition of claim 15 wherein the filler mixture contains:
- (i) from 20 to 90% by weight of the inorganic high-temperature-resistant filler;
 - (ii) from 1 to 30% by weight of the heat-activatable swelling agent;
 - (iii) from 0.1 to 35% by weight of the adhesive;
- (iv) from 2 to 40% by weight of the micropore-forming, high-temperature-resistant filler; and
- (v) from 0.01 to 10% by weight of the grinding and/or anticaking agent, all weights being based on the total weight of the molding.
- 18. The composition of claim 14 further comprising a hardener.
- 19. The composition of claim 14 further comprising an emulsifier and a blowing



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agent.

- 20. The composition of claim 14 wherein the molding has a density of from 100 to 300 kg/m³.
- 21. A process for making a fiber-free molding composition comprising:
- (a) providing a binder selected from the group consisting of an epoxide, a polyisocyanate, a furane-resin-free phenolic resin, and mixtures thereof;
 - (b) providing a thermosetting hardener;
 - (c) providing a filler mixture containing:
 - (i) an inorganic high-temperature-resistant filler;
 - (ii) a heat-activatable swelling agent;
 - (iii) an adhesive;
 - (iv) a micropore-forming, high-temperature-resistant filler; and
 - (v) a grinding and/or anticaking agent; and
 - (d) combining (a)-(c) to form the fiber-free molding composition.
- 22. The process of claim 21 further comprising mixing an emulsifier with the binder.
- 23. The process of claim 21 further comprising providing a blowing agent.
- 24. The process of claim 21 wherein the filler mixture has a pH of up to 7.5.
- 25. The process of claim 21 further comprising introducing the molding mixture into a mold to form a solid, fiber-free foam form.
- 26. The product of the process of claim 21.
- 27. The product of the process of claim 22.
- 28. The product of the process of claim 23.

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- 29. The product of the process of claim 24.
- 30. The product of the process of claim 25.

Respectfully submitted,

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